

PRIORITY MAINTENANCE NOTIFICATION

GUILFORD 400609

**Priority
Maintenance**

Level of Urgency: Priority Maintenance

Structural Location: Pier Substructure

Bent/Span No.: 1

Description: COLUMN 1

MMS Code: 3348 - Maintain Concrete Substructure Components

Date Submitted: 10/5/2015 **Submitted By:** MATTHEW WALKER **Asst. by:** JOHN HAYES

Description: PRIORITY MAINT. COLUMN 1 @ PIER 1 IS SPALLING AND DELAMINATED IN A 3'5" WIDE X 7' HIGH X 1/2" DEEP WITH EXPOSED STEEL ON LEFT SIDE.

Assigned By: TMSHERRILL

Assigned Date: 10/8/2015

Comment: Repair area to be sawcut around perimeter and chipped; both to min. depth of 1/2". In repair area, remove all unsound concrete and any concrete to 1" behind exposed rebar. Remove rust from rebar/ splice new rebar as needed. If not shotcrete or formed, use repair mat'l for vertical/overhead applications. Apply bonding agent, if required by repair mat'l. Place repair mat'l to original shape or form to add cover as necessary. Repair mat'l should have aggregate no larger than 3/8".

Analyzed By:

Analysis Date:

Comment:

Repaired By:

Repair Date:

Repair Status:

**Work
Performed:**

Analyzed By:

Analysis Date:

Comment:

Photos on Following Page(s)



PRIORITY MAINT. COLUMN 1 @ PIER 1 IS SPALLING AND DELAMINATED IN A 3'5" WIDE X 7' HIGH X 1/2" DEEP WITH EXPOSED STEEL ON LEFT SIDE.

PRIORITY MAINTENANCE NOTIFICATION

GUILFORD 400609

**Priority
Maintenance**

Level of Urgency: Priority Maintenance

Structural Location: Beams and Girders

Bent/Span No.: 1

Description: GIRDER 1

MMS Code: 3306 - Maintain Concrete Superstructure Components

Date Submitted: 10/5/2015 **Submitted By:** MATTHEW WALKER **Asst. by:** JOHN HAYES

Description: PRIORITY MAINT. GIRDER 1, SPAN 1 IS DELAMINATED ON LEFT SIDE FROM END OF GIRDER OVER PIER 1 BACK 9FT LONG X ENTIRE HEIGHT. AREA WAS CHIPPED OUT ON LEFT SIDE ALONG BOTTOM EDGE IN A 6'7" LONG X 5" HIGH X 7" WIDE AREA EXPOSING 1 STRAND. EXPOSED STRAND IS DISCOLORED FROM HEAT.

Assigned By: TMSHERRILL

Assigned Date: 10/8/2015

Comment: Repair area to be sawcut around perimeter and chipped; both to min. depth of 1/2". Do not damage bar/strand. Remove concrete to 1/2" behind exposed bar/strand. Remove rust from rebar/strand. If not shotcrete, use repair mat'l for vertical/overhead applications. Apply bonding agent, if required by repair mat'l. Form and place repair mat'l to original shape or form to add cover as necessary. Repair mat'l should have aggregate no larger than 3/8". Contact SMU for assistance.

Analyzed By:

Analysis Date:

Comment:

Repaired By:

Repair Date:

Repair Status:

**Work
Performed:**

Analyzed By:

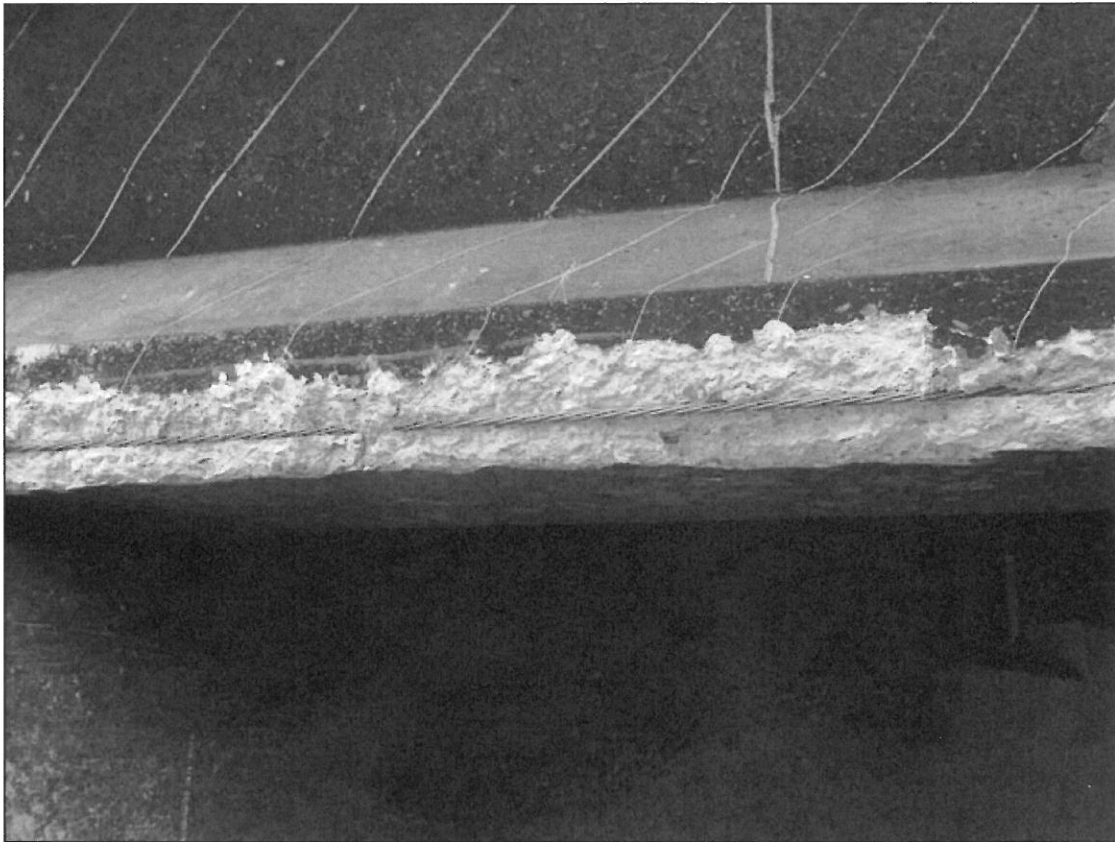
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.PRIORITY MAINT. GIRDER 1, SPAN 1 IS DELAMINATED ON LEFT SIDE FROM END OF GIRDER OVER PIER 1 BACK 9FT LONG X ENTIRE HEIGHT. AREA WAS CHIPPED OUT ON LE



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PRIORITY MAINTENANCE NOTIFICATION

GUILFORD 400609

**Priority
Maintenance**

Level of Urgency: Priority Maintenance

Structural Location: Beams and Girders Bent/Span No.: 2 Description: GIRDER 1

MMS Code: 3306 - Maintain Concrete Superstructure Components

Date Submitted: 10/5/2015 **Submitted By:** MATTHEW WALKER **Asst. by:** JOHN HAYES

Description: PRIORITY MAINT. GIRDER 1, SPAN 2 IS DELAMINATED ON LEFT SIDE FROM END OF GIRDER OVER PIER 1 BACK 3FT LONG X ENTIRE HEIGHT. AREA WAS CHIPPED OUT ON LEFT SIDE AT END ALONG BOTTOM EDGE IN A 6" LONG X 9 1/2" HIGH X 2 3/4" DEEP AREA EXPOSING 2 STRANDS. ALSO DELAMINATED ALONG BOTTOM FROM END OUT 4' 9" LONG X 4 1/2" WIDE MEASURED FROM LEFT EDGE. ALL DELAMINATION HAS H/L MAP CRACKING PRESENT. AREAS WERE CHIPPED OUT UP TO 3" DEEP.

Assigned By: TMSHERRILL

Assigned Date: 10/8/2015

Comment: Repair area to be sawcut around perimeter and chipped; both to min. depth of 1/2". Do not damage bar/strand. Remove concrete to 1/2" behind exposed bar/strand. Remove rust from rebar/strand. If not shotcrete, use repair mat'l for vertical/overhead applications. Apply bonding agent, if required by repair mat'l. Form and place repair mat'l to original shape or form to add cover as necessary. Repair mat'l should have aggregate no larger than 3/8". Contact SMU for assistance.

Analyzed By:

Analysis Date:

Comment:

Repaired By:

Repair Date:

Repair Status:

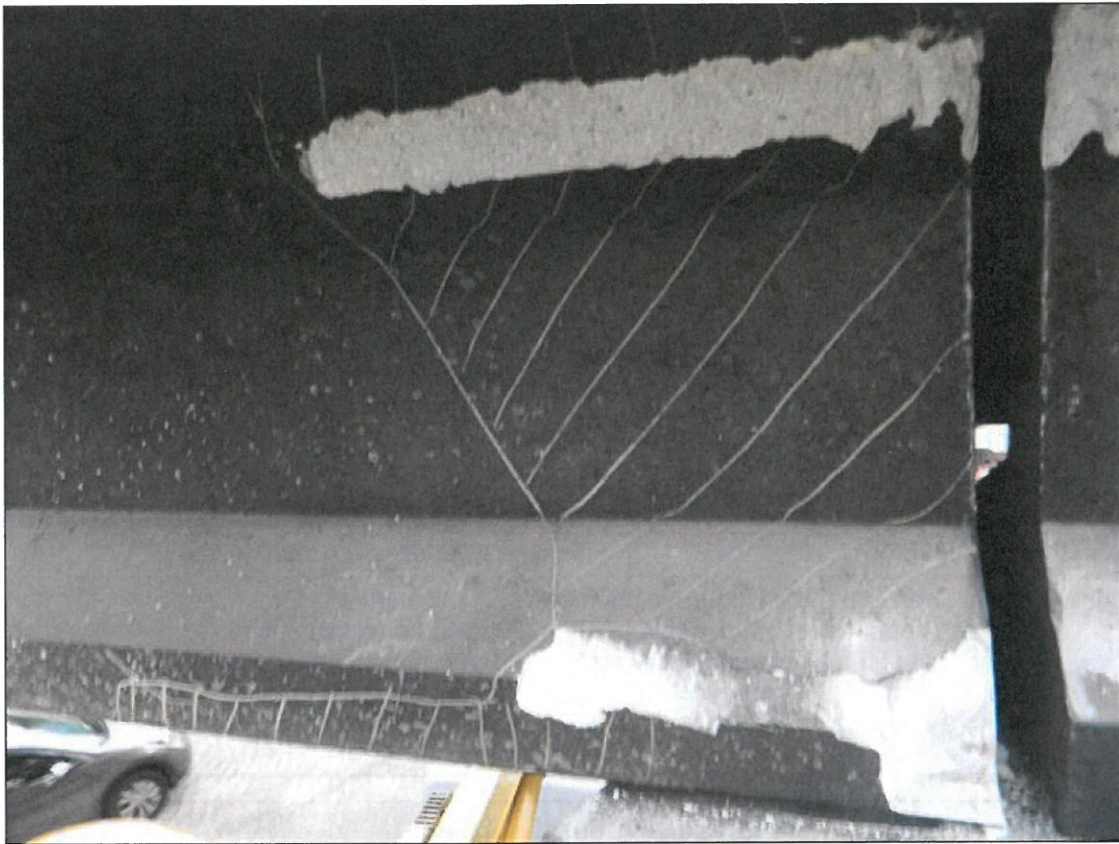
**Work
Performed:**

Analyzed By:

Analysis Date:

Comment:

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PRIORITY MAINT. GIRDER 1, SPAN 2 IS DELAMINATED ON LEFT SIDE FROM END OF GIRDER OVER PIER 1 BACK 3FT LONG X ENTIRE HEIGHT. AREA WAS CHIPPED OUT ON LE



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**Priority
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Level of Urgency: Priority Maintenance

Structural Location: Beams and Girders

Bent/Span No.: 1

Description: GIRDER 1 BEARING

MMS Code: 3334 - Bridge Bearings

Date Submitted: 10/5/2015 **Submitted By:** MATTHEW WALKER **Asst. by:** JOHN HAYES

Description: PRIORITY MAINT. GIRDER 1, SPAN 1 ELASTOMERIC BEARING AT PIER 1 HAS HEAT DAMAGE. 1/4" OF CHARRED MATERIAL WAS REMOVED FROM ALL SIDES DURING INSPECTION DUE TO FIRE.

Assigned By: TMSHERRILL

Assigned Date: 10/8/2015

Comment: Repalce bearing pad.

Analyzed By:

Analysis Date:

Comment:

Repaired By:

Repair Date:

Repair Status:

**Work
Performed:**

Analyzed By:

Analysis Date:

Comment:

Photos on Following Page(s)



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PRIORITY MAINTENANCE NOTIFICATION

GUILFORD 400609

**Priority
Maintenance**

Level of Urgency: Priority Maintenance

Structural Location: Beams and Girders

Bent/Span No.: 2

Description: GIRDER 1 BEARING

MMS Code: 3334 - Bridge Bearings

Date Submitted: 10/5/2015	Submitted By: MATTHEW WALKER	Asst. by: JOHN HAYES
Description: PRIORITY MAINT. GIRDER 1, SPAN 2 ELASTOMERIC BEARING AT PIER 1 HAS HEAT DAMAGE. 1/4" OF CHARRED MATERIAL WAS REMOVED FROM SOUTH END OF BEARING DURING INSPECTION DUE TO FIRE.		

Assigned By: TMSHERRILL	Assigned Date: 10/8/2015
Comment: Replace bearing.	

Analyzed By:	Analysis Date:
Comment:	

Repaired By:	Repair Date:
Repair Status:	
Work Performed:	

Analyzed By:	Analysis Date:
Comment:	

Photos on Following Page(s)



PRIORITY MAINT. GIRDER 1, SPAN 2 ELASTOMERIC BEARING AT PIER 1 HAS HEAT DAMAGE. 1/4" OF CHARRED MATERIAL WAS REMOVED FROM SOUTH END OF BEARING DURING